INTERNATIONAL SEARCH REPORT

Int nal Application No PCI/1B2004/003722

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 803C3/00 B01D53/32 B01D35/06 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) BO1D B03C IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category ° Citation of document, with indication, where appropriate, of the relevant passages 1,2, US 3 890 103 A (KONISHI ET AL) X 7-16,25 17 June 1975 (1975-06-17) 27,29-36 column 3, line 46 - column 4, line 48; 37 - 40Υ figure 4 1,2, 5-15,25 DATABASE WPI X Section Ch, Week 197935 Derwent Publications Ltd., London, GB; Class J01, AN 1979-64277B XP002318742 & SU 633 607 A (CONS MAT IND GAS) 26 November 1978 (1978-11-26) abstract; figure 1,7-15, DD 101 569 A1 (KISELEV ET AL) X 12 November 1973 (1973-11-12) the whole document Patent family members are listed in annex. Further documents are listed in the continuation of box C. ° Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance Invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another dtation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the International filling date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 04/03/2005 22 February 2005 Authorized officer Name and malling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx, 31 651 epo nl, Eijkenboom, A Fax: (+31-70) 340-3016

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